



TPW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen J. Benkovic et al.

Serial No.: 10/817,560

Filed: April 2, 2004

Title: METHODS FOR NUCLEIC
ACID MANIPULATION

Group Art: 1645

Examiner: Not Yet Determined

Docket No.: 7418/91839

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.

Teresa D. Tambolas

TERESA D. TAMBOLAS

September 23, 2004

(Date)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Attached Form PTO-1449 lists documents which may be considered to be material to the above-identified application by the Patent Examiner. A copy of the abstract for Japanese Patent No. JP63109800, published May 14, 1988 and copies of the non-patent literature documents identified in the attached form are enclosed. Entry into the record is respectfully requested.

The Commissioner is hereby also authorized to charge any additional fees which may be required pursuant to 37 CFR 1.97(c)(2) and 37 CFR 1.17(p) in connection with filing this Statement as well as any other fees due under 37 CFR §§1.16-1.17, or credit any overpayment, to Deposit Account No. 23-0920. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise

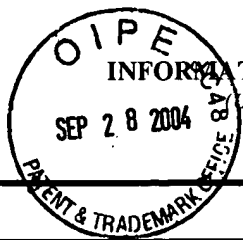
improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 23-0920. A duplicate copy of this sheet is enclosed.

Respectfully submitted

By Teresa D. Tambolas
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September 23, 2004



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

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1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		JP63109800	05-14-1988	Japan			✓	

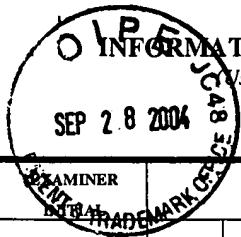
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Beernink, Hans T. H. et al., "RMPs: recombination/replication mediator proteins," TIBS 24 - October 1999, pp. 385-389.
		Formosa, Timothy et al., "DNA Synthesis Dependent on Genetic Recombination: Characterization of a Reaction Catalyzed by Purified Bacteriophage T4 Proteins," Cell, Vol. 47, pp 793-806 (December 5, 1986).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Nishinaka, Taro et al., "Base pair switching by interconversion of sugar puckers in DNA extended by proteins of RecA-family: A model for homology search in homologous genetic recombination," Proc. Natl. Acad. Sci USA, Vol. 95, pp. 11071-11076 (September 1988).

Podust, Vladimir N. et al., "DNA Polymerase δ Holoenzyme: Action on Single-Stranded DNA and on Double-Stranded DNA in the Presence of Replicative DNA Helicases," Biochemistry, Vol. 34, pp. 5003-5010 (1995).

Lorelei D. Harris et al., "UvsY Protein of Bacteriophage T4 is an Accessory Protein for in Vitro Catalysis of Strand Exchange," J. Mol. Biol. Vol. 206, pp. 19-27 (1989).

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